



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Toru KAMBAYASHI

SERIAL NO:

10/067,950

GAU:

2635

FILED:

February 08, 2002

**EXAMINER:** 

FOR:

DEVICE INFORMATION GENERATING DEVICE, DEVICE INFORMATION GENERATING METHOD, CONTROL

DATA GENERATING DEVICE, CONTROL DATA GENERATING METHOD, CONTENT UTILIZING DEVICE,

CONTENT UTILIZING METHOD, AND STORAGE MEDIUM

## INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

#### REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

#### RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

### CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

## DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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SERIAL NO: 10/067,950

| Sheet |  | of | _1_ |
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|-------|--|----|-----|

Group Art Unit: 2635



# STATEMENT OF RELEVANCY

### Reference AW on Form 1449:

Description of a method of key revocation in the IP multi-cast technology. Each client has some keys in a tree structure of keys. The structure is updated in order to revoke clients.

## Reference AX on Form 1449:

A method of key revocation in digital contents distribution. Each client has some keys in a tree structure of keys. A different way of revocation of clients. In order to revoke a client, the corresponding branch is removed from the tree.

SHEET 1 OF 1

| Form PTO 1449<br>(Modified)   | (R.)     | BADE PATENT AND TRAD  | OF COMMERCE<br>EMARK OFFICE   | ATTY DOCKET NO.<br>219406US2SRD        | SERIAL NO.<br>10/067,950 |              |                                |  |  |  |
|---|----------|---|-------------------------------|--|--------------------------|--------------|--------------------------------|--|--|--|
|   |          | RENCES CITED BY APF   |                               | APPLICANT Toru KAMBAYASHI              |                          |              |                                |  |  |  |
|   |          |   | FILING DATE February 08, 2002 |  | GROUP<br>2635            |              |                                |  |  |  |
| U.S. PATENT DOCUMENTS   |          |   |                               |  |                          |              |                                |  |  |  |
| EXAMINER  |          | DOCUMENT<br>NUMBER  | DATE                          | NAME                                   | CLASS                    | SUB<br>CLASS | FILING DATE IF APPROPRIATE     |  |  |  |
| INITIAL   | AA       | NOMBER  |                               |  |                          | CLAGG        | II AIT NOT KIATE               |  |  |  |
|   | AB       |   |                               |  |                          |              |                                |  |  |  |
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|   |          |   | FO                            | REIGN PATENT DOCUMENTS                 |                          |              |                                |  |  |  |
|   |          | DOCUMENT<br>NUMBER  | DATE                          | COUNTRY                                |                          |              | TRANSLATION<br>YES NO          |  |  |  |
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|   | AU       |   |                               |  |                          |              |                                |  |  |  |
|   | AV       |   |                               |  |                          | <u> </u>     |                                |  |  |  |
|   | ,,,,     | OTHER RE  | FERENCES (                    | Including Author, Title, Date, Pertine | nt Pages, e              | tc.)         | <u> </u>                       |  |  |  |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  D. WALLNER, et al., Network Working Group, RFC 2627 of the Internet Engineering Task Force, pgs. 1-20, "KEY MANAGEMENT FOR MULTICAST: ISSUES AND ARCHITECTURES", June 1999 € |          |   |                               |  |                          |              |                                |  |  |  |
|   | AX       | T. NAKANO, et al., The 2001 Symposium on Cryptography and Information Security, pgs. 213-218, "KEY MANAGEMENT SYSTEM FOR DIGITAL CONTENT PROTECTION", January 23-26, 2001 |                               |  |                          |              |                                |  |  |  |
|   | AY       |   |                               |  |                          |              |                                |  |  |  |
|   | AZ       |   | -                             |  |                          |              | •                              |  |  |  |
| Examiner Date Considered  |          |   |                               |  |                          |              |                                |  |  |  |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.          |          |   |                               |  |                          |              |                                |  |  |  |